

101-CA06

Product Technical Information

Polypropylene-Homopolymer

101-CA06 is a fully formulated grade intended for sheet extrusion and thermoforming applications requiring high melt flow rate, improved transparency and higher stiffness than conventional polypropylene. This clarified grade is nucleated and contains a medium level of antistatic agent.

101-CA06 offers a balance of easy flow and good mechanical properties and has benefits such as very good optical properties, easy de-nesting and good thermal stability of end products.

Applications

- Manufacture of very transparent and rigid sheets for thermoformed food and non food containers
- Injection stretch blow moulding

Benefits and Features

- Improved clarity
- Good mechanical properties
- High crystallisation temperature for increased productivity

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16kg	ISO 1133	6	g/10min
Mechanical				
Flexural Modulus	@23°C	ISO 178	1750	MPa
Tensile Strength	@Yield	ISO 527-1,-2	38.5	MPa
Izod Impact Strength, notched	@+23°C	ISO 180/1A	3	kJ/m ²
Thermal				
Melting Point		ASTM D 3417	165	°C
Crystallisation Temperature		ASTM D 3417	128	°C
Vicat Softening Temperature	@10 N	ISO 306/A	156	°C
HDT	@0.45 MPa	ISO 75/B	119	°C

- Data should not be used for specification work



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